

ccatctggtgta gagatcgatt tcagatgcaa ctgtgtacct attccactgg 400
ggtcaaaaaa caacatgtgc atcaagaggc tgcagattaa acccagaagc 450
tttagtggac tcacttattt aaaatccctt tacctggatg gaaaccagct 500
actagagata ccgcagggcc tccgcctag cttacagctt ctcagccttg 550
aggccaacaa catcttttcc atcagaaaag agaacttaac agaactggcc 600
aacatagaaa tactctacct gggccaaaac tggtattatc gaaatccttg 650
ttatgtttca tattcaatag agaaagatgc cttcctaaac ttgacaaaagt 700
taaaagtgct ctccctgaaa gataacaatg tcacagccgt ccctactgtt 750
ttgccatcta ctttaacaga actatatctc tacaacaaca tgattgcaaa 800
aatccaagaa gatgatttta ataacctcaa ccaattacaa attcttgacc 850
taagtggaaa ttgccctcgt tggtataatg ccccathttcc ttgtgcgccg 900
tgtaaaaata attctcccct acagatccct gtaaattgctt ttgatgcgct 950
gacagaatta aaagtttttac gtctacacag taactctctt cagcatgtgc 1000
ccccaagatg gtttaagaac atcaacaaac tccaggaact ggatctgtcc 1050
caaaaacttct tggccaaaga aattggggat gctaaatttc tgcattttct 1100
ccccagcctc atccaattgg atctgtcttt caattttgaa cttcaggtct 1150
atcgtgcac c tatgaatcta tcacaagcat tttcttcact gaaaagcctg 1200
aaaattctgc ggatcagagg atatgtcttt aaagagttga aaagcttta 1250
cctctcgcca ttacataatc ttcaaaatct tgaagttctt gatcttgga 1300
ctaactttat aaaaattgct aacctcagca tgtttaaaca atttaaaaga 1350
ctgaaagtca tagatctttc agtgaataaa atatcacctt caggagattc 1400
aagtgaagtt ggcttctgct caaatgccag aacttctgta gaaagttatg 1450
aaccocaggt cctggaacaa ttacattatt tcagatatga taagtatgca 1500
aggagttgca gattcaaaaa caaagaggct tctttcatgt ctgttaatga 1550
aagctgtac aagtatgggc agaccttgga tctaagtaaa aatagtatat 1600
tttttgtcaa gtccctctgat ttccagcatc tttctttcct caaatgcctg 1650
aatctgtcag gaaatctcat tagccaaact cttaatggca gtgaattcca 1700
accttttagca gagctgagat atttggactt ctccaacaac cggcttgatt 1750
tactccattc aacagcattt gaagagcttc acaaactgga agttctggat 1800

ataagcagta atagccatta ttttcaatca gaaggaatta ctcatatgct 1850
 aaactttacc aagaacctaa aggttctgca gaaactgatg atgaacgaca 1900
 atgacatctc ttctccacc agcaggacca tggagagtga gtctcttaga 1950
 actctggaat tcagaggaaa tcacttagat gttttatgga gagaaggtga 2000
 taacagatac ttacaattat tcaagaatct gctaaaatta gaggaattag 2050
 acatctctaa aaattcccta agtttcttgc cttctggagt ttttgatggc 2100
 atgcctccaa atctaaagaa tctctctttg gccaaaaatg ggctcaaatac 2150
 tttcagttgg aagaaactcc agtgtctaaa gaacctggaa actttggacc 2200
 tcagccacaa ccaactgacc actgtccctg agagattatc caactgttcc 2250
 agaagcctca agaatctgat tcttaagaat aatcaaatca ggagtctgac 2300
 gaagtatttt ctacaagatg ccttccagtt gcgatatctg gatctcagct 2350
 caaataaaat ccagatgatc caaaagacca gcttcccaga aaatgtcctc 2400
 aacaatctga agatgttgct tttgcatcat aatcggtttc tgtgcacctg 2450
 tgatgctgtg tggtttgtct ggtgggttaa ccatacggag gtgactattc 2500
 cttacctggc cacagatgtg acttgtgtgg ggccaggagc acacaagggc 2550
 caaagtgtga tctccctgga tctgtacacc tgtgagttag atctgactaa 2600
 cctgattctg ttctcacttt ccatactgt atctctcttt ctcatgggtga 2650
 tgatgacagc aagtcacctc tatttctggg atgtgtggta tatttaccat 2700
 ttctgtaagg ccaagataaa ggggtatcag cgtctaatat caccagactg 2750
 ttgctatgat gcttttattg tgtatgacac taaagacca gctgtgaccg 2800
 agtgggtttt ggctgagctg gtggccaaac tggaagacc aagagagaaa 2850
 cattttaatt tatgtctcga ggaaaggac tggttaccag ggcagccagt 2900
 tctggaaaac ctttcccaga gcatacagct tagcaaaaag acagtgtttg 2950
 tgatgacaga caagtatgca aagactgaaa attttaagat agcattttac 3000
 ttgtcccatc agaggctcat ggatgaaaaa gttgatgtga ttatcttgat 3050
 atttcttgag aagccctttc agaagtccaa gttcctccag ctccggaaaa 3100
 ggctctgtgg gagttctgtc cttgagtggc caacaaacc gcaagctcac 3150
 ccatacttct ggcagtgtct aaagaacgcc ctggccacag acaatcatgt 3200
 ggcctatagt caggtgttca aggaaacggt ctagcccttc tttgcaaaac 3250

acaactgcct agtttaccaa ggagagcct ggc 3283

<210> 496

<211> 1049

<212> PRT

<213> Homo sapiens

<400> 496

Met	Val	Phe	Pro	Met	Trp	Thr	Leu	Lys	Arg	Gln	Ile	Leu	Ile	Leu	
1				5					10					15	
Phe	Asn	Ile	Ile	Leu	Ile	Ser	Lys	Leu	Leu	Gly	Ala	Arg	Trp	Phe	
				20					25					30	
Pro	Lys	Thr	Leu	Pro	Cys	Asp	Val	Thr	Leu	Asp	Val	Pro	Lys	Asn	
				35					40					45	
His	Val	Ile	Val	Asp	Cys	Thr	Asp	Lys	His	Leu	Thr	Glu	Ile	Pro	
				50					55					60	
Gly	Gly	Ile	Pro	Thr	Asn	Thr	Thr	Asn	Leu	Thr	Leu	Thr	Ile	Asn	
				65					70					75	
His	Ile	Pro	Asp	Ile	Ser	Pro	Ala	Ser	Phe	His	Arg	Leu	Asp	His	
				80					85					90	
Leu	Val	Glu	Ile	Asp	Phe	Arg	Cys	Asn	Cys	Val	Pro	Ile	Pro	Leu	
				95					100					105	
Gly	Ser	Lys	Asn	Asn	Met	Cys	Ile	Lys	Arg	Leu	Gln	Ile	Lys	Pro	
				110					115					120	
Arg	Ser	Phe	Ser	Gly	Leu	Thr	Tyr	Leu	Lys	Ser	Leu	Tyr	Leu	Asp	
				125					130					135	
Gly	Asn	Gln	Leu	Leu	Glu	Ile	Pro	Gln	Gly	Leu	Pro	Pro	Ser	Leu	
				140					145					150	
Gln	Leu	Leu	Ser	Leu	Glu	Ala	Asn	Asn	Ile	Phe	Ser	Ile	Arg	Lys	
				155					160					165	
Glu	Asn	Leu	Thr	Glu	Leu	Ala	Asn	Ile	Glu	Ile	Leu	Tyr	Leu	Gly	
				170					175					180	
Gln	Asn	Cys	Tyr	Tyr	Arg	Asn	Pro	Cys	Tyr	Val	Ser	Tyr	Ser	Ile	
				185					190					195	
Glu	Lys	Asp	Ala	Phe	Leu	Asn	Leu	Thr	Lys	Leu	Lys	Val	Leu	Ser	
				200					205					210	
Leu	Lys	Asp	Asn	Asn	Val	Thr	Ala	Val	Pro	Thr	Val	Leu	Pro	Ser	
				215					220					225	
Thr	Leu	Thr	Glu	Leu	Tyr	Leu	Tyr	Asn	Asn	Met	Ile	Ala	Lys	Ile	
				230					235					240	
Gln	Glu	Asp	Asp	Phe	Asn	Asn	Leu	Asn	Gln	Leu	Gln	Ile	Leu	Asp	
				245					250					255	